

**ADDITIONS TO THE NEW YORK STATE LIST OF
INSECTS. THE OXYBELINE WASPS
(SPHECIDAE, HYMEN.).**

BY V. S. L. PATE, Ithaca, N. Y.

In going over material of this group preparatory to monographing the forms known to occur in the New World, a number of unrecorded species and localities not included in the recent New York State List of Insects has come to hand. These wasps, usually found upon umbellifers or composites, nest in the sand and provision their burrows with muscoid flies. They are frequently parasitized by various species of Miltogrammine flies. Wherever data relative to prey, parasites or flower records have been available they have been incorporated in the following list.

I am greatly indebted to Drs. O. A. Johannsen and J. M. Aldrich for identification of the flies.

Tribe OXYBELINI.

OXYBELUS Latreille.

- O. emarginatus* Say. Ithaca, Jl 10–Sep 16, *Rand*; Orient, Aug 19, *Zab* (AMNH); Mosholu, Aug 30 (AMNH); Little France, Aug 19 (*Pate*-CU); Spring Lake, Jl 22, *Beq*; White Plains, Aug 20, *Beq*; **S I**, Aug 3, *Beq*; **L I**: Long Beach, Je 20, *Beq*; Cold Spring Harbor, Jl 20 (AMNH); Gardiners I., Aug 17–23, *Beq*. Taken on flowers of *Daucus carota* and *Aegopodium podagraria*. Provisions its nest with *Toxomerus geminatus* Say.
- O. intermedius* Baker. Ithaca, Jl 29, *Babiy*; Fishers I. Aug. (AMNH). Taken on flowers of *Daucus carota*.
- O. niger* Robtn. Ithaca, Jl 24–27, *Babiy*; Memphis, Jl 3 (CU); **S I**, Jl 23, *Beq*. Taken on flowers of *Daucus carota*.
- O. quadrinotatus* Say. Ithaca, Je–Oct, *Babiy*; Memphis, Jl 3 (CU); Rhinebeck, Jl 27, *Cy*; White Plains, Jl 20, *Beq*; Potsdam, Jl 11 (CU); Wilmington, Aug 20 (CU); Michigan Swamp, Jl 11 (CU); Spencer Lake, Je 30 (CU); **S I**, May 15–Sep 21, *Beq*; **L I**: Gardiners I., Aug. 17–23, *Beq*. Taken on flowers of *Daucus carota*, *Aegopodium podagraria*, *Achillea millefolium* and *A. millefolium* var. *roseum*. Provisions its nest with *Musca domestica*. Parasitized by *Phrosinella fulvicornis* (Coq.). The commonest species of the genus throughout the Austral and especially the Transition zone, reaching northward into Canada.

O. sericeus Robtn. L I: Long Beach, Je 20, *Beq*; Sea Cliff, J1, *Bks*; Gardiners I., Aug 17-23, *Beq*. Provisions its nest with *Chaetopsis aenea* Wied.

O. subulatus Robtn. L I: Cold Spring Harbor, Je 14, *Beq*.

Banks has captured *O. quadrinotatus* at Falls Church, Virginia, preying upon *Musca domestica* L., *Ophyra leucostoma* Wied., and *Sarcophaga* sp.; Parker, at Washington, has also noticed that *Musca domestica* is stored by this wasp, while Sladen, at Ottawa, Canada, has found *Hylemyia cilicrura* Rond. in their burrows. At Washington, Parker has found *Senotainia trilineata* VdW., and *S. rubriventris* Macq., parasitic upon *O. quadrinotatus*. Since all these flies occur in New York it is not unlikely that upon further observation and investigation they may be discovered in the wasp's burrows either as prey or parasites.

Cis frosti Dury.—A series of 15 or more specimens were taken in a rotten fungus (*Polyporus betulinus*) at Portaupique, N. S. on July 25, 1929. These were submitted to Mr. Charles Dury who made comparisons with the unique type, which he stated was from Orono, Me., and not from Mass. as given in the Leng list. Specimens from this series will be distributed to different museums in this country and Canada.—C. A. FROST, Framingham, Mass.

Ludius fulvipes Bland.—Some 15 years ago I sent a box of specimens to Dr. Schwarz at the U. S. National Museum for names; I was then very ignorant of the amount of such work with which he had to contend. They were recently returned with part of the material labelled by the hand of the good coleopterist. In this lot I found a specimen of the above species which I had taken in Sherborn on *Amelanchier* flowers on May 3, 1913. It was described from Virginia. Specimens have been taken at Nahant, Mass., on May 19, 1926, by my friend Mr. P. J. Darlington, Jr. It is certainly not a very common visitor to my hunting grounds in this vicinity.—C. A. FROST, Framingham, Mass.